

# Patent [19]

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## [54] PHOTOCATALYST APPARATUS

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## [57] ABSTRACT

**PROBLEM TO BE SOLVED:** To provide a photocatalyst apparatus capable of being used semipermanently.

**SOLUTION:** This photocatalyst apparatus consists of a base frame 2 having at least a bottom plate 21 and left and right side plates 22, 23, a light source 3 for emitting ultraviolet rays arranged in the base frame 2, filter attaching filter frames 4 attached to the base frame 2 before and behind the light source 3 and photocatalyst filters 5 attached to the filter frames 4 in a detachable manner. Gas to be treated is successively passed through the front and rear photocatalyst filters 5 while irradiated with ultraviolet rays from the light source 3 to decompose a harmful component in the gas to be treated.

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